

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/000877

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01H5/00 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01H C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/02737 A (ZENCO LIMITED)	1-39
X	30 January 1997 (1997-01-30) the whole document page 5, line 15 - line 21 page 6, line 1 - line 13 page 5 ----- -/--	1-4, 6, 8, 11-18, 20, 21, 30-33, 35-37



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

18 April 2005

Date of mailing of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/56948 A (PIONEER HI-BRED INTERNATIONAL, INC; TULSIERAM, LOMAS, K; RIDDELL, CHRI) 17 December 1998 (1998-12-17) page 2, paragraph 1 page 5, line 23 - line 29 page 8, paragraph 2 example 8 page 22, last paragraph figure 3	1-39
X	& DATABASE EMBL 'Online! 13 August 2003 (2003-08-13), "Use of molecular markers for genotype determination of the ogura Rf gene in brassica napus." retrieved from EBI accession no. EM_PRO:BD192151 Database accession no. BD192151 the whole document	1-4,6,8, 11-18, 20,21, 30-33, 35-37
X	----- WO 98/27806 A (PIONEER HI-BRED INTERNATIONAL, INC; CHARNE, DAVID, G; GRANT, IAN; KRAL) 2 July 1998 (1998-07-02) cited in the application page 3, last paragraph page 4, line 1 - line 11 page 5, line 10 - line 15 page 6, line 3 - line 6 page 6, line 20 - line 31 page 7 table 1	38
Y	----- DELOURME R ET AL: "Characterisation of the radish introgression carrying the Rfo restorer gene for the Ogu-INRA cytoplasmic male sterility in rapeseed (Brassica napus L.)" THEORETICAL AND APPLIED GENETICS, SPRINGER, BERLIN, DE, vol. 97, no. 1-2, July 1998 (1998-07), pages 129-134, XP002247549 ISSN: 0040-5752 the whole document figure 3 page 133, right-hand column, paragraph 2 ----- -/--	1-39

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PCT/EP2005/000877

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DELOURME R ET AL: "LINKAGE BETWEEN AN ISOZYME MARKER AND A RESTORER GENE IN RADISH CYTOPLASMIC MALE STERILITY OF RAPESEED (BRASSICA NAPUS L.)" THEORETICAL AND APPLIED GENETICS, SPRINGER, BERLIN, DE, vol. 85, 1992, pages 222-228, XP002943129 ISSN: 0040-5752 the whole document page 222, right-hand column, paragraph 2 -----	
A	WO 92/05251 A (INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE) 2 April 1992 (1992-04-02) cited in the application the whole document -----	
A	DELOURME R ET AL: "Identification of RAPD markers linked to a fertility restorer gene for the Ogura radish cytoplasmic male sterility of rapeseed (Brassica napus L.)" THEORETICAL AND APPLIED GENETICS, vol. 88, no. 6-7, 1994, pages 741-748, XP002043620 ISSN: 0040-5752 the whole document -----	
A	LIONNETON E ET AL: "Development of an AFLP-based linkage map and localization of QTLs for seed fatty acid content in condiment mustard (Brassica juncea)." GENOME, vol. 45, no. 6, December 2002 (2002-12), pages 1203-1215, XP001204669 ISSN: 0831-2796 the whole document -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000877

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9702737	A	30-01-1997	AU 705706 B2	27-05-1999
			AU 6453096 A	10-02-1997
			CA 2198125 A1	30-01-1997
			CA 2273137 A1	30-01-1997
			EP 0784424 A1	23-07-1997
			WO 9702737 A1	30-01-1997
			US 6229072 B1	08-05-2001
			US 5973233 A	26-10-1999
			US 2004237141 A1	25-11-2004
			US 2002049998 A1	25-04-2002
WO 9856948	A	17-12-1998	CA 2206673 A1	10-12-1998
			AU 8004898 A	30-12-1998
			CA 2283493 A1	17-12-1998
			WO 9856948 A1	17-12-1998
			JP 2002512523 T	23-04-2002
WO 9827806	A	02-07-1998	CA 2193938 A1	24-06-1998
			AU 731564 B2	05-04-2001
			AU 5544798 A	17-07-1998
			CA 2246244 A1	02-07-1998
			CA 2303712 A1	02-07-1998
			WO 9827806 A1	02-07-1998
			CZ 9803026 A3	17-03-1999
			DE 891130 T1	16-09-1999
			EP 0853874 A1	22-07-1998
			EP 0891130 A1	20-01-1999
			JP 2000505654 T	16-05-2000
			NO 983855 A	23-10-1998
			NZ 331276 A	26-05-2000
			PL 328612 A1	01-02-1999
			US 2002032916 A1	14-03-2002
WO 9205251	A	02-04-1992	FR 2667078 A1	27-03-1992
			AT 211170 T	15-01-2002
			AU 652964 B2	15-09-1994
			AU 8663191 A	15-04-1992
			CA 2092097 A1	22-03-1992
			CA 2393476 A1	02-04-1992
			CZ 9300454 A3	16-02-1994
			DE 69132878 D1	31-01-2002
			DE 69132878 T2	29-08-2002
			DK 549726 T3	02-04-2002
			EP 0549726 A1	07-07-1993
			EP 0909815 A2	21-04-1999
			ES 2169720 T3	16-07-2002
			WO 9205251 A1	02-04-1992
			HU 66675 A2	28-12-1994
			IE 913320 A1	25-02-1992
			IE 20020681 A1	30-12-2002
			JP 3156792 B2	16-04-2001
			JP 6501613 T	24-02-1994
			JP 2001145497 A	29-05-2001
			PL 168666 B1	29-03-1996
			PL 169149 B1	28-06-1996
			PL 169165 B1	28-06-1996
			PL 169783 B1	30-08-1996
			PT 99024 A , B	31-08-1992

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/000877

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9205251	A	RO 114978 B1	30-09-1999
		RU 2117704 C1	20-08-1998
		SK 22293 A3	06-10-1993
		US 5789566 A	04-08-1998
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